

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Xing Dong WANG et al. : **Mail Stop: PCT**
Serial No. 10/591,588 : Attorney Docket No. 2006_1476A
Filed September 5, 2006 :
ORGANIC ACID ANION CONTAINING :
ALUMINUM SALT HYDROXIDE
PARTICLES, PRODUCTION METHOD
THEREOF, AND USE THEREOF
[Corresponding to PCT/JP2005/003831
Filed March 1, 2005]

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application
PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart

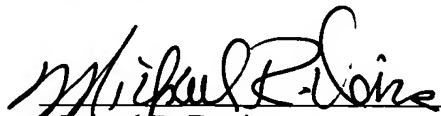
foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☒ a foreign patent office search report (International Search Report) (in the English language) of record,
 - c. ☒ the concise explanation contained in the specification of the present application at pages 2-5,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report (International Search Report) citing one or more of the references is of record.

Respectfully submitted,

Xing Dong WANG et al.

By:



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November 29, 2006

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
2006_1476ASERIAL NO.
10/591,588LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: November 29, 2006

APPLICANT
Xing Dong WANG et al.FILING DATE
September 5, 2006

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,706,249	3/2004	Komatsu et al.			
	AB	5,461,082	10/1995	Machimura et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AH	64-11637	1/1989	Japan			
	AI	64-11637	1/1989	Japan			
	AJ	2000-7326	1/2000	Japan			
	AK	6-122519	5/1994	Japan			
	AF	10-273324	10/1998	Japan			
	AM	8-41076	2/1996	Japan			
	AN	01/04053	1/2001	WO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Motoharu Kawano et al., "Syntheses and High Temperature Phase Transformations of Alunite-Natroalunite Solid Solution Series", Mineralogy Journal, Vol. 20, No. 1 and 2, pages 13-23, January and April 1991.
	AP	Katsuya Inouye et al., "The High-order Structure and Dye Adsorption of a Porous Alunite", Journal of Chemical Society of Japan, (2), pages 156-162, 1985.
	AQ	

EXAMINER

DATE CONSIDERED